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JAPANESE PATENT OFFICE

# PATENT ABSTRACTS OF JAPAN

(11) Publication number: 09086335 A

(43) Date of publication of application: 31.03.1997

(51) Int. Cl. B60R 21/32

(21) Application number: 07246154

(22) Date of filing: 25.09.1995

(71) Applicant: NISSAN MOTOR CO LTD

(72) Inventor: TAKATANI SEIJI

## (54) CONTROL DEVICE FOR OCCUPANT RESTRAINT DEVICE

(57) Abstract:

**PROBLEM TO BE SOLVED:** To make an occupant restraint device inactive to a pad tapping input, and however make the device operate at a high speed at the time of actual high speed collision.

**SOLUTION:** Vibration constituents overlaid on deceleration detecting signals from a G sensor 1 are added to the deceleration detecting signals so as to be integrated by a first integrator 8, the result is then compared with a first threshold TH/L1, and when an integral output exceeds the first threshold, a signal 1 is thereby outputted. In parallel with the aforesaid operations, each deceleration detecting signal is integrated by a second integrator 10 so as to be compared with a second threshold TH/L2, and when its integral output exceeds the second threshold, a signal 2 is thereby outputted. And it is judged that a high speed collision has taken place at the time when both the first and second signals 1 and 2 are inputted to an AND circuit 15, and an operation signal 5 for the occupant restraint device is thereby outputted. By this constitution, no erroneous operation is actuated for impact in which de-

celeration itself like a pad tapping input, is small but only vibration constituents are great.

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